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VOL. XLVI, NO. 3 **THIRD QUARTER 1998**

QUARTERLY ACTIVITY SUMMARY
July through September 1998

	July	August	September
Oil Produced (3rd quarter 1998)	1,421,474	1,415,562	1,372,102
Oil Produced (same months, 1997)	1,377,671	1,377,603	1,333,664
Oil Shipped from Leases	1,417,492	1,417,222	1,398,913
Average Daily Oil Production	45,854	45,663	45,737
Water Produced (Barrels)	8,006,634	8,020,205	7,864,775
Associated Gas Produced (3rd quarter 1998)	686,302	656,330	637,580
Associated Gas Produced (same months, 1997)	600,857	613,748	590,689
Natural Gas Produced (3rd quarter 1998)	4,137,305	4,079,778	4,253,795
Natural Gas Produced (same months, 1997)	3,628,925	3,737,501	3,788,273
Drilling Permits Issued	39	35	84
Wells Completed	9	36	61
Oil Wells	7	9	9
Gas Wells	0	15	46
Dry Holes	2	12	6
Other	0	0	0
Barrels of Oil Refined	4,715,544	4,917,921	5,041,752
Oil Refined (daily average)	152,114	158,643	168,058

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OIL PRODUCERS REPORT
THIRD QUARTER 1998

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Alkali Coulee	Red River	1	2,399	2,303	2,141	31,305
Anvil	Nisku	2	9,086	9,197	8,675	31,911
Anvil	Ratcliffe	1	1,082	1,062	2,032	8,777
Anvil	Red River	5	15,264	14,354	17,062	47,403
Ator Creek	Red River	1	1,033	1,066	0	2,110
Bainville	Ratcliffe	1	1,240	1,508	80	1,492
Bainville	Red River	2	6,128	6,299	6,150	10,192
Bainville	Winnipegosis	1	120	0	0	315
Bainville (Ratcliffe/Mission Canyon)	Ratcliffe	1	1,906	1,789	880	2,315
Bainville II	Ratcliffe	1	95	0	40	180
Bainville II	Red River	2	5,383	5,728	5,695	3,230
Bainville, North	Interlake	1	65	0	0	0
Bainville, North	Mission Canyon	1	2,068	2,191	1,547	2,283
Bainville, North	Nisku	4	22,460	22,706	11,866	7,810
Bainville, North	Ratcliffe	2	3,695	2,343	3,185	4,089
Bainville, North	Red River	9	99,030	101,309	80,059	12,650
Bainville, North	Winnipegosis	4	22,791	23,058	20,019	4,431
Bainville, West	Red River	1	1,104	1,216	1,352	1,806
Bannatyne	Madison	4	497	388	0	27
Bannatyne	Swift	17	1,541	1,767	0	69
Beanblossom	Lower Tyler	1	3,305	2,813	413	27,239
Bears Den	Swift	2	77	372	0	0
Bears Den Unit	Swift	5	4,436	4,609	0	7,965
Bell Creek (Consolidated Unit)	Muddy	53	49,638	50,034	0	1,030,700
Bell Creek (South Bell Creek Unit)	Muddy	5	2,713	2,730	0	10,503
Benrud, East	Nisku	1	1,487	1,362	0	41,148
Berthelote	Sunburst	3	396	226	0	0
Big Gully	Tyler	2	378	0	0	1,079
Big Muddy Creek	Interlake	1	3,979	4,238	3,364	8,376
Big Muddy Creek	Mission Canyon	1	2,026	1,947	1,217	6,654
Big Wall	Amsden	3	2,656	2,641	0	280,189
Big Wall (Lower Tyler Sand Unit)	Tyler	4	5,819	5,834	0	556,334
Big Wall (Upper Tyler Sand Unit)	Tyler	4	2,030	2,022	0	249,888
Blackfoot Unit	Cut Bank, Madison	7	3,330	3,533	0	24,343
Bloomfield	Dawson Bay	1	918	0	520	538
Bloomfield	Interlake	1	1,896	918	1,672	2,423
Bloomfield	Red River	1	1,008	956	0	581
Blue Hill	Red River	2	8,886	8,734	6,180	3,063
Blue Mountain	Red River	2	6,405	6,898	0	155
Border	Cut Bank	3	688	563	0	0
Border (Old Border Unit)	Cut Bank	4	390	567	0	5,860
Bowes (Bowes Sawtooth Unit)	Sawtooth	40	22,185	21,966	0	120,767
Bradley	Sunburst	2	246	197	0	0
Brady	Burwash	1	174	175	0	0
Brady	Sunburst	6	1,044	1,049	0	0
Breed Creek Unit	Tyler	9	32,882	32,368	1,525	194,126
Brorson	Interlake	1	4,054	4,095	2,585	29,851
Brorson	Madison	4	3,386	3,981	2,415	4,266
Brorson	Mission Canyon	3	4,365	4,187	3,523	2,274
Brorson	Ratcliffe	1	403	429	200	293
Brorson	Red River	5	15,961	15,959	19,689	38,882
Brorson, South	Bakken	2	3,701	3,741	3,415	723
Brorson, South	Mission Canyon	4	7,374	7,385	4,884	3,939
Brush Lake	Red River	4	26,576	26,585	30,652	10,689
Brush Lake	Stonewall	1	1,046	1,386	1,097	156
Burget, East	Madison	1	243	694	0	1,505
Burget, East	Mission Canyon	1	1,227	1,361	0	1,215
Burget, East	Nisku	1	18,347	18,836	11,709	14,373
Burget, East	Ratcliffe	1	1,041	1,014	0	2,126
Cabaret Coulee	Madison	1	1,285	0	115	0
Cabin Creek	Madison	2	13,652	13,653	234	32,790
Cabin Creek	Red River	7	7,631	7,574	0	127,324
Cabin Creek (Unit #1)	Silurian-Ordovician	90	263,457	263,503	85,303	1,298,582
Cabin Creek (Unit #2)	Madison	3	4,225	4,227	240	150,587
Canal	Madison	1	1,639	1,905	744	1,402
Canal	McGowan	1	1,041	1,052	0	2,676
Canal	Mission Canyon	1	1,287	1,143	2,129	5,411
Canal	Ratcliffe	1	527	533	0	1,436
Canal	Red River	1	2,382	2,583	1,578	1,808

OIL PRODUCERS REPORT
THIRD QUARTER 1998

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Cat Creek, East Dome (Unit)	Ellis	4	1,071	926	0	2,971
Cat Creek, Mosby Dome	Amsden	2	636	699	0	670
Cat Creek, Mosby Dome	Cat Creek 2	1	185	185	0	0
Cat Creek, Mosby Dome (Unit)	Ellis	4	847	910	0	42,421
Cat Creek, West Dome	Ellis	1	155	170	0	10,080
Cat Creek, West Dome	Morrison	2	492	516	0	53,270
Cat Creek, West Dome (Unit #1)	Cat Creek 1 & 2	19	3,195	3,291	0	371,697
Cat Creek, West Dome (Unit #2)	Cat Creek 1 & 2	8	650	756	0	122,236
Cattails	Ratcliffe	7	9,778	9,748	9,052	10,281
Cattails, South	Madison	1	912	710	1,840	1,670
Cattails, South	Ratcliffe	1	1,586	1,508	0	1,724
Charlie Creek	Bakken	1	1,881	2,014	1,840	71
Charlie Creek	Dawson Bay	1	2,873	3,054	3,116	1,896
Charlie Creek, East	Red River	2	4,486	4,854	3,315	5,215
Chelsea Creek	Nisku	1	957	915	490	30,619
Clark's Fork	Greybull	1	99	177	0	0
Clear Lake	Mission Canyon	2	2,910	2,824	654	15,885
Clear Lake	Nisku	2	2,885	3,073	3,245	6,354
Clear Lake	Ratcliffe	1	2,197	2,181	272	16,447
Clear Lake	Red River	6	18,504	18,829	9,838	33,296
Clear Lake, South	Red River	1	1,743	1,841	781	4,323
Colored Canyon	Red River	3	17,811	17,641	10,853	11,589
Comertown	Nisku	1	1,112	1,161	552	13,898
Comertown	Ratcliffe	1	891	957	552	5,617
Comertown	Red River	4	11,907	11,947	5,650	16,719
Comertown, South	Red River	1	2,727	2,790	1,352	8,810
Cotonwood	Ratcliffe	3	9,412	9,310	3,298	7,562
Cottonwood, East	Ratcliffe	1	2,101	2,189	460	827
Cow Creek, East	Kibbey	5	4,529	3,901	0	69,457
Crane	Devonian	1	3,318	3,278	1,764	1,684
Crane	Duperow	1	1,502	1,439	872	889
Crane	Red River	1	5,287	5,229	3,805	60,966
Crane	Red River, Interlake	1	2,064	2,188	1,515	55,978
Cupton	Red River	4	11,266	12,344	1,585	16,276
Cut Bank	Cut Bank	87	18,688	19,142	3,017	72,507
Cut Bank	Lander	1	29	45	0	36
Cut Bank	Madison	39	21,525	22,741	6,680	229,527
Cut Bank	Moulton	10	4,166	4,268	0	75
Cut Bank	Moulton, Sunburst	1	23	0	0	0
Cut Bank	Sunburst	8	321	543	0	43
Cut Bank (North Central Sand Unit)	Cut Bank	57	10,246	10,019	0	2,088
Cut Bank (North Darling Sand Unit)	Moulton	1	8	0	0	0
Cut Bank (North East Sand Unit)	Cut Bank	31	4,337	4,394	0	0
Cut Bank (North West Sand Unit)	Cut Bank	3	439	428	0	540
Cut Bank (South Central Sand Unit)	Cut Bank	51	21,900	22,081	0	53,875
Cut Bank (South Darling Sand Unit)	Moulton	6	620	450	0	0
Cut Bank (South East Sand Unit)	Cut Bank	0	0	193	0	0
Cut Bank (South West Sand Unit)	Cut Bank	96	25,936	26,833	0	423,711
Cut Bank (Tesoro Sand Unit)	Cut Bank	15	4,289	4,759	0	13,253
Cut Bank (Tweedy South Sand Unit)	Cut Bank	1	367	392	0	870
Cut Bank (Two Medicine Sand Unit)	Cut Bank	18	6,197	6,129	0	46,718
Cut Bank (Two Medicine Sand Unit)	Madison	1	210	207	0	4,101
Dagmar	Red River	2	3,143	2,747	3,048	6,286
Deer Creek	Charles	3	9,016	8,663	0	6,257
Deer Creek	Charles C	4	17,038	17,448	10,776	59,311
Deer Creek	Tyler	1	23	0	33,568	10
Den	McGowan	1	300	265	0	3,746
Den	Ratcliffe	1	65	233	0	3,711
Devils Basin	Heath	2	89	394	0	268
Devils Basin	Tyler	1	24	0	0	568
Diamond Point	Interlake	1	2,717	2,586	2,868	29,335
Diamond Point	Red River	1	2,708	2,755	2,646	17,273
Divide	Madison	2	985	1,151	1,204	13,230
Divide	Ratcliffe	5	10,378	10,761	3,990	41,723
Divide	Red River	5	17,759	16,952	12,699	75,920
Dooley	Ratcliffe	3	3,111	3,210	887	30,979
Dry Creek	Frontier	2	11	0	0	0
Dry Creek	Greybull	1	249	255	28,395	0
Dry Creek	Judith River	1	57	0	0	129

OIL PRODUCERS REPORT
THIRD QUARTER 1998

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Dry Creek	Virgelle	1	272	0	0	0
Dry Creek, West	Greybull	1	86	0	0	0
Dutch Henry	Madison	1	1,493	1,499	0	21,540
Dutch Henry	McGowan	2	992	846	0	13,721
Dutch John Coulee	Sunburst	4	1,627	1,743	0	0
Dwyer	Nisku, Duperow	1	14	0	0	0
Dwyer	Ratcliffe	1	656	683	0	16,137
Dwyer	Red River	3	11,035	11,257	4,373	49,108
Dwyer (Dwyer Unit)	Charles	3	6,143	6,423	1,283	11,675
Eagle	Duperow	1	57	185	0	863
Eagle	Interlake	1	6,881	6,843	3,966	27,570
Eagle	Madison	3	1,914	2,687	490	5,110
Eagle	Mission Canyon	3	1,613	1,447	0	9,618
Eagle	Ratcliffe	1	127	521	0	1,385
East Glacier	Green Horn	2	209	377	0	0
Elk Basin	Embar, Tensleep	1	3,694	0	3,054	618
Elk Basin	Frontier	1	47	47	42	32
Elk Basin (Embar-Tensleep)	Embar, Tensleep	18	52,737	56,431	43,588	56,317
Elk Basin (Frontier Unit)	Frontier	10	1,683	1,683	0	463
Elk Basin (Madison Unit)	Madison	15	51,675	51,675	13,437	594,665
Elk Basin, Northwest	Cloverly	1	42	0	8	0
Elk Basin, Northwest	Frontier	1	40	82	8	0
Elk Basin, Northwest (Northwest Madison Unit)	Madison	4	13,637	13,637	2,707	69,336
Enid, North	Red River	1	1,793	1,477	1,676	8,799
Epworth	Bakken	1	2,199	2,209	1,760	265
Fairview	Madison	1	781	665	581	328
Fairview	Mission Canyon	2	161	259	16	238
Fairview	Ratcliffe	3	2,409	2,534	1,423	2,395
Fairview	Red River	5	10,423	10,844	12,748	18,747
Fairview (North West Unit)	Red River	4	12,322	12,792	31,826	8,695
Fairview, East	Ratcliffe	1	131	0	0	491
Fairview, East	Winnipegosis	1	2,503	2,585	2,423	27,283
Fairview, West	Madison	2	1,702	1,700	0	3,252
Fairview, West	Ratcliffe	3	4,620	4,670	0	12,300
Fishhook	Madison	1	504	446	0	5,828
Fishhook	Red River	2	2,496	2,956	1,600	7,748
Flat Coulee	Swift	4	780	899	0	0
Flat Coulee (Swift Sand Unit)	Swift	10	12,941	12,933	1,294	107,300
Flat Lake	Nisku	11	80,861	79,694	58,261	114,666
Flat Lake	Ratcliffe	8	21,680	21,902	4,907	119,127
Flat Lake	Red River	1	5,884	5,779	1,890	21,410
Flat Lake (East Flat Lake Unit)	Ratcliffe	13	12,326	12,054	8,346	105,569
Flat Lake (West Flat Lake Unit)	Ratcliffe	7	8,162	8,520	3,487	92,085
Flat Lake, East	Madison	1	2,719	3,093	0	6,654
Flat Lake, South	Ratcliffe	3	1,539	1,656	360	23,244
Fort Gilbert	Madison	3	2,425	1,829	963	6,940
Fort Gilbert	Mission Canyon	1	1,296	1,415	829	2,982
Fort Gilbert	Red River	2	3,383	3,342	4,936	3,136
Four Mile Creek	Red River	1	1,839	1,920	1,598	2,720
Four Mile Creek, West	Red River	1	5,872	6,049	4,682	2,188
Fred & George Creek	Sunburst	1	176	364	0	0
Fred & George Creek	Swift	1	208	208	0	0
Fred & George Creek (Sunburst "A" Unit)	Sunburst	3	4,805	4,471	0	158,233
Fred & George Creek (Sunburst "B" Unit)	Sunburst	4	699	765	0	0
Fred & George Creek (N Sunburst "B" Unit)	Sunburst	2	276	379	0	28
Fred & George Creek (S E Sunburst "B" Unit)	Sunburst	4	1,836	1,846	48	6,880
Fred & George Creek (S W Sunburst "B" Unit)	Sunburst	3	165	0	0	0
Frog Coulee	Red River	1	2,920	3,131	1,057	4,027
Froid, South	Red River	2	6,339	6,576	5,874	11,997
Froid, South	Winnipegosis	1	242	256	67	2,183
Gage	Amsden	2	51	0	0	20
Gas City	Red River	1	541	679	0	956
Gas City (Gas City Waterflood)	Madison	1	642	641	0	3,011
Gas City (Gas City Waterflood)	Madison, Ordovician	1	1,651	1,650	0	12,639
Gas City (Gas City Waterflood)	Red River	1	464	463	0	4,301
Gas City (Gas City Waterflood)	Silurian-Ordovician	6	12,426	12,426	0	45,340
Girard	Bakken	2	2,311	2,211	1,820	119
Girard	Red River	1	3,215	3,215	2,647	2,610
Glendive	Red River	6	11,718	11,723	3,000	144,692

OIL PRODUCERS REPORT
THIRD QUARTER 1998

Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Glendive	Silurian-Ordovician	6	13,224	13,474	3,139	50,347
Glendive	Stoney Mountain	2	3,386	3,354	1,200	14,820
Golden Dome	Frontier	4	58	0	0	0
Golden Dome	Greybull	1	40	0	5,093	0
Goose Lake	Ratcliffe	7	7,533	7,254	361	124,238
Goose Lake	Red River	1	6,127	6,142	2,255	4,681
Goose Lake (North Goose Lake Unit)	Ratcliffe	10	7,796	7,395	0	172,139
Goose Lake, West	Red River	• 2	5,116	4,601	1,297	6,967
Gossett	Ratcliffe	1	875	840	0	6,698
Graben Coulee	Cut Bank	37	4,352	4,264	202	27,116
Graben Coulee	Sunburst	6	548	592	21	296
Grandview, East	Swift	2	79	0	0	0
Gray Blanket	Tensleep	1	6,615	6,993	0	7,000
Green Coulee	Ratcliffe	1	2,155	2,197	1,220	1,947
Gunsight	Madison	1	143	0	0	0
Gunsight	Mission Canyon	1	1,405	1,292	930	14,982
Gunsight	Ratcliffe	1	140	450	0	1,616
Gypsy Basin	Madison	3	39	352	0	1,802
Hardscrabble Creek	Red River	1	1,958	2,167	3,012	3,236
Hawk Haven	Mission Canyon	1	728	656	0	2,720
Hay Creek	Madison	1	652	596	0	0
Hay Creek	Mission Canyon	1	989	1,060	791	2,844
Hay Creek	Red River	2	7,973	7,898	7,035	21,607
Hell Coulee	McGowan	1	1,482	1,390	0	6,990
Hell Coulee	Ratcliffe	1	2,141	2,008	0	13,257
Hiawatha	Tyler	1	1,726	1,657	0	16,540
Hiawatha	Tyler, Stensvad	1	535	478	0	33
High Five	Tyler	4	6,082	5,975	546	59,031
High Five Unit	Stensvad	3	3,949	5,095	1,656	280,420
Highview	Madison	3	744	799	0	17,042
Howard Coulee	Tyler	1	1,104	985	0	0
Injun Creek	Stensvad	2	646	250	0	264
Intake II	Mission Canyon	2	3,467	3,540	2,138	5,309
Ivanhoe	Amsden	1	187	208	0	9,100
Ivanhoe	Cat Creek 2	1	708	863	0	4,215
Ivanhoe	Morrison	1	43	44	0	1,456
Ivanhoe	Tyler	2	3,171	3,360	0	42,524
Jim Coulee Unit	Tyler	5	3,186	3,741	0	149,575
Katy Lake	Red River	1	1,853	2,016	3,243	5,980
Katy Lake, North	Madison	3	7,650	7,652	3,345	36,371
Katy Lake, North	Mission Canyon	1	4,258	4,439	1,639	52,379
Katy Lake, North	Nesson	1	247	285	24	4,488
Katy Lake, North	Red River	5	27,121	26,969	15,946	57,446
Keg Coulee	Lower Tyler	1	670	904	0	1,196
Keg Coulee	Stensvad	1	274	0	0	0
Keg Coulee (Northwest Unit)	Tyler	1	1,051	927	0	6,000
Keg Coulee (Tyler "C" Sand Unit)	Lower Tyler	1	117	0	0	492
Keg Coulee, North	Tyler	1	130	241	0	3,760
Kelley Unit	Tyler	1	695	687	0	18,507
Kevin Sunburst	Burwash	9	240	166	0	0
Kevin Sunburst	Ellis	39	1,641	1,616	0	300
Kevin Sunburst	Ellis, Madison	1	64	64	0	0
Kevin Sunburst	Madison	429	39,339	39,830	306	65,244
Kevin Sunburst	Nisku	1	228	290	0	0
Kevin Sunburst	Sunburst	46	6,085	6,321	4,186	3,584
Kevin Sunburst	Swift	8	531	683	815	0
Kevin Sunburst (Ferdig Unit)	Swift	21	1,730	1,730	0	0
Kevin Sunburst (Homestake Sandunit)	Sunburst	36	6,746	7,232	0	74,392
Kevin, East Nisku Oil	Nisku	14	18,179	17,793	1,100	0
Kincheloe Ranch, West (K R Unit)	Tyler	2	1,106	1,044	308	0
Kincheloe Ranch, West (Kincheloe Ranch Unit)	Tyler	3	1,524	1,352	424	29,494
Laird Creek (Laird Creek Unit)	Swift	6	993	865	0	0
Lambert	Red River	3	16,681	17,344	7,495	6,171
Lambert, South	Red River	1	11,793	11,878	0	0
Landslide Butte	Madison	8	7,134	7,264	20,426	17,885
Little Beaver (Cedar Creek ACU 8BA)	Red River	1	1,805	1,802	67	12,059
Little Beaver (Cedar Creek ACU 8BA)	Silurian-Ordovician	25	47,955	47,965	4,715	289,537
Little Beaver, East	Mission Canyon	1	1,285	1,285	67	42,375
Little Beaver, East	Red River	3	1,360	1,351	342	2,416

OIL PRODUCERS REPORT
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Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Little Beaver, East (Cedar Crk Ut 8A)	Silurian-Ordovician	5	12,199	12,179	287	19,316
Little Beaver, East (Cedar Crk Ut 8BB)	Silurian-Ordovician	6	11,848	11,849	829	51,894
Little Wall Creek	Tyler	3	3,111	2,788	1,656	115,440
Little Wall Creek	Tyler, Stensvad	1	1,925	1,746	552	0
Little Wall Creek (Weisner Tyler Sand Unit)	Tyler, Stensvad	1	366	425	0	22,750
Little Wall Creek, South	Tyler	3	9,707	9,110	0	18,164
Little Wall Creek, South (Gunderson Tyler Sand Unit)	Tyler	1	1,002	1,042	0	40,025
Little Wall Creek, South (Hamilton-Gunderson Unit)	Tyler	1	18	18	0	0
Little Wall Creek, South (South Little Wall Creek Unit)	Tyler	2	1,991	2,049	0	155,775
Lodge Grass	Tensleep	2	1,638	1,848	0	100
Lone Butte	Madison	1	906	881	0	1,361
Lone Butte	Mission Canyon	1	769	669	1,021	322
Lone Butte	Red River	1	996	1,147	1,530	2,244
Lonetree Creek	Interlake	2	12,603	13,167	6,527	16,159
Lonetree Creek	Mission Canyon	1	1,332	1,385	0	78
Lonetree Creek	Red River	4	13,393	13,501	16,694	3,460
Lonetree Creek	Red River, Interlake	1	6,659	6,743	7,321	335
Long Creek	Charles C	1	279	0	0	530
Long Creek, West	Nisku	2	3,853	3,830	179	47,980
Lookout Butte	Madison	2	1,367	1,366	148	20,384
Lookout Butte	Silurian-Ordovician	2	4,887	4,887	194	98,050
Lookout Butte (Coral Creek Unit)	Red River	7	24,698	24,697	5,298	28,384
Lookout Butte (Coral Creek Unit)	Silurian-Ordovician	27	80,247	80,252	21,389	246,058
Lookout Butte, East	Lodgepole	1	656	651	890	4,535
Lookout Butte, East (Waterflood Unit)	Red River	60	363,307	362,814	308,989	257,645
Lowell	Red River	1	850	1,153	0	1,607
Lowell South	Red River	1	19,654	20,043	16,876	1,083
Lustre	Charles	8	7,055	7,161	4,095	15,950
Lustre	Charles C	14	13,358	12,844	2,713	76,643
Lustre	Mission Canyon	5	2,060	2,476	215	39,027
Lustre	Ratcliffe	5	1,648	3,201	1,177	2,843
Lustre, North	Charles	1	396	447	736	4,220
Mackay Dome	Greybull	1	4,073	4,796	0	5,803
Mason Lake	Cat Creek 1	2	7	0	0	98
Mason Lake (Cat Creek Water Flood)	Cat Creek 1	3	154	474	0	8,201
McCabe	Ratcliffe	1	1,214	1,105	1,109	2,347
McCabe, East	Red River	1	6,276	6,225	5,086	2,224
McCoy Creek	Red River	1	146	0	53	646
Medicine Lake	Duperow	1	1,783	1,789	864	4,217
Medicine Lake	Gunton	1	1,426	1,418	1,038	12,234
Medicine Lake	Mission Canyon	1	3,310	3,321	1,605	4,112
Medicine Lake	Red River	1	6,011	5,978	4,439	10,604
Medicine Lake	Winnipegosis	1	1,340	1,332	970	35,893
Melstone	Tyler	2	2,345	2,184	0	36,929
Melstone (North Melstone Unit)	Tyler	5	5,881	5,812	3,118	135,985
Midfork	Charles C	6	9,521	9,463	2,830	7,883
Midfork	Nisku	1	1,242	861	1,104	4,080
Miners Coulee	Sunburst	1	116	309	0	0
Missouri Breaks	Nisku	1	3,831	3,672	451	24,747
Mon Dak, West	Duperow	1	3,693	3,559	3,981	1,804
Mon Dak, West	Interlake	1	2,373	2,322	3,019	3,957
Mon Dak, West	Madison	7	7,109	7,049	5,570	25,598
Mon Dak, West	Madison, Ordovician	2	13,816	13,614	12,653	14,832
Mon Dak, West	Mission Canyon	6	8,497	8,426	8,554	22,491
Mon Dak, West	Red River	3	10,874	10,721	5,302	19,374
Mon Dak, West	Red River, Stoney Mountain	1	10,564	10,609	10,563	7,824
Mon Dak, West	Stoney Mountain	2	2,958	2,912	3,732	3,845
Mona	Red River	1	590	483	3,041	0
Monarch	Interlake	4	1,970	2,282	401	7,589
Monarch	Red River	4	27,616	27,502	211	17,616
Monarch	Silurian-Ordovician	9	36,383	36,472	11,294	49,160
Monarch (Monarch Water Flood Unit)	Silurian-Ordovician	5	7,147	7,335	1,437	18,715
Mosser Dome	Mosser Sand	17	1,299	1,302	0	0
Musselshell	Tyler	1	153	0	0	0
Mustang	Bakken	4	7,246	6,776	6,655	1,418
Mustang	Madison	1	2,036	1,924	0	1,017
Mustang	Red River	2	5,957	5,518	11,231	3,552
Neiser Creek	Red River	2	9,524	9,765	16,113	36,167
Nielsen Coulee	Madison	1	259	469	158	2,118

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Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Ninemile	Nisku	2	426	612	702	0
Nohly	Madison	4	17,253	17,385	13,893	8,597
Nohly	Mission Canyon	2	5,793	5,610	5,977	5,857
Nohly	Nisku	3	9,134	9,416	8,837	18,259
Nohly	Ratcliffe	5	7,792	8,072	8,680	7,722
Nohly	Red River	3	27,421	27,681	48,824	14,467
Nohly	Stonewall	1	2,150	2,243	1,076	21,679
North Fork	Mission Canyon	4	8,940	8,742	2,121	18,688
Ollie	Red River	1	228	456	68	925
Otis Creek	Ratcliffe	1	1,554	1,572	700	1,890
Otis Creek, South	Ratcliffe	1	813	718	348	1,473
Outlook	Madison	1	1,565	1,949	2,571	3,133
Outlook	Nisku	2	5,891	6,191	3,984	5,686
Outlook, Southwest (Winnipegosis)	Winnipegosis	1	1,696	1,690	0	36,128
Outlook, West	Winnipegosis	1	3,576	3,785	0	13,049
Oxbow	Red River	1	3,014	3,088	5,397	2,203
Oxbow II	Nisku	1	16,399	16,477	12,453	17,139
Oxbow II	Red River	1	649	241	0	2,756
Palomino	Nisku	6	26,808	27,010	663	278,370
Pelican	Red River	1	935	715	412	56
Pennel	Red River	1	787	659	1,380	508
Pennel Waterflood Unit	Red River	30	114,583	114,725	27,731	202,559
Pennel Waterflood Unit	Silurian-Ordovician	121	334,195	334,682	54,924	1,144,387
Pennel Waterflood Unit	Stoney Mountain	1	2,562	2,531	317	5,424
Pine	Mission Canyon	1	1,278	1,267	117	9,127
Pine	Silurian-Ordovician	2	6,682	6,895	2,056	13,906
Pine ("A" & "E" Units)	Silurian-Ordovician	70	160,766	158,797	35,296	1,430,334
Pine ("C" Unit)	Silurian-Ordovician	5	17,647	17,650	3,488	124,792
Pondera	Madison	252	44,486	44,950	0	836,290
Pondera	Sun River	13	1,069	1,459	0	0
Pondera Coulee	Madison	2	497	636	0	0
Poplar, East	Charles	2	651	484	0	29,445
Poplar, East	Charles C	1	694	729	0	18,341
Poplar, East	Heath	2	2,705	2,720	0	62,716
Poplar, East (East Poplar Unit)	Madison	35	19,651	19,768	0	1,016,734
Poplar, Northwest	Charles	3	2,702	2,383	0	26,200
Poplar, Northwest	Charles B	1	677	564	0	22,389
Poplar, Northwest	Charles C	15	14,651	15,316	3,594	155,086
Poplar, Northwest	Madison	1	89	221	0	7,843
Pronghorn	Red River	1	1,110	1,335	126	4,369
Putnam	Bakken	3	3,772	3,342	4,141	2,060
Putnam	Interlake	1	3,090	3,065	1,620	9,617
Putnam	Madison	1	641	623	368	911
Putnam	Mission Canyon	6	5,558	5,678	3,788	5,278
Putnam	Ratcliffe	1	889	891	0	884
Putnam	Red River	2	11,681	11,594	8,371	14,220
Putnam	Red River, Interlake	1	2,085	2,563	1,021	4,098
Rabbit Hills	Sawtooth	4	4,290	4,236	0	5,841
Rabbit Hills, Northeast	Sawtooth	5	8,944	9,232	0	3,797
Rabbit Hills, Northeast (Enhanced Recovery)	Sawtooth	5	11,821	12,198	0	8,342
Rabbit Hills, South	Bowes	1	469	461	0	46
Rabbit Hills, South	Sawtooth	3	7,996	8,333	0	228
Rabbit Hills, Southwest	Sawtooth	1	142	200	0	829
Ragged Point	Tyler	1	173	238	0	0
Ragged Point (Tyler "A" Sand Unit)	Tyler	1	839	734	0	8,570
Ragged Point, Southwest (Southwest Unit)	Tyler	10	4,223	4,722	0	232,520
Rattler Butte	Tyler	7	29,226	30,753	0	13,853
Rattlesnake Butte	Amsden	2	1,634	1,199	0	119,788
Rattlesnake Butte	Cat Creek 1	1	832	491	972	1,277
Rattlesnake Butte	Cat Creek 2	1	496	481	0	16,596
Raymond	Duperow	1	885	879	16,188	13,005
Raymond	Red River	1	4,867	4,843	3,822	46,920
Raymond	Winnipegosis	1	10,228	10,179	1,438	97,540
Raymond (Raymond Nisku Unit)	Nisku	3	2,961	2,698	14,212	13,864
Raymond, North	Red River	2	2,549	2,462	1,004	22,365
Reagan	Madison	1	1	198	4	484
Reagan (Tribal Unit #194)	Madison	25	13,969	14,065	8,069	70,495
Reagan (Tribal Unit #355)	Madison	28	13,884	14,010	6,334	66,056
Red Bank	Madison	2	2,798	3,206	920	3,168

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Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Red Bank	Mission Canyon	3	7,145	6,561	2,160	1,793
Red Bank	Ratcliffe	1	773	838	0	2,834
Red Bank, South	Red River	1	1,594	1,885	1,622	10,453
Red Creek	Sunburst	1	346	387	0	0
Red Creek Unit	Cut Bank	4	4,223	4,266	1,476	209,594
Red Creek Unit	Cut Bank, Madison	5	3,178	3,211	1,112	214,194
Red Creek Unit	Madison	7	6,008	6,070	2,104	437,058
Red Water	Bakken	1	794	1,330	0	0
Red Water	Red River	1	1,897	2,195	570	2,013
Red Water	Winnipegosis	1	2,433	2,815	730	2,581
Red Water, East	Red River	1	1,434	1,394	936	10,129
Redstone	Winnipegosis	1	320	449	0	12,800
Refuge	Nisku	1	664	558	870	909
Refuge	Red River	1	147	123	318	0
Reserve	Red River	4	15,460	16,072	8,778	51,637
Reserve II	Interlake	1	398	500	92	0
Reserve, South	Ratcliffe	0	0	642	0	0
Ridgelawn	Madison	2	765	916	0	788
Ridgelawn	Mission Canyon	6	5,858	6,724	2,117	11,011
Ridgelawn	Ratcliffe	3	2,267	2,879	744	4,588
Ridgelawn	Red River	3	10,132	9,978	12,390	13,726
Ridgelawn (Duperow Unit)	Duperow	4	19,323	19,205	0	16,986
Ridgelawn, North	Madison	1	3,809	3,895	4,162	12,972
RipRap Coulee	Ratcliffe	4	5,930	6,241	2,762	10,212
Rocky Point	Red River	1	4,502	4,320	4,144	2,936
Royals	Dawson Bay	1	1,349	1,388	854	2,800
Rudyard	Sawtooth	1	260	0	0	200
Rush Mountain	Gunton	1	7,981	8,299	3,872	4,750
Rush Mountain	Ratcliffe	1	4,822	4,927	5,232	9,027
Salt Lake	Gunton	1	1,963	3,007	0	789
Salt Lake	Nisku	2	108	222	0	635
Salt Lake	Red River	2	4,890	5,325	30	8,673
Salt Lake, West	Ratcliffe	1	5,145	5,114	0	98,185
Sand Creek	Charles	2	2,187	2,130	0	1,659
Second Creek	Duperow	1	6,177	5,969	3,710	2,644
Second Guess	Madison	2	428	595	0	0
Shotgun Creek	Ratcliffe	5	13,743	14,405	3,083	42,724
Sidney	Madison	3	1,822	1,647	1,606	6,599
Sidney	Mission Canyon	1	506	687	644	1,409
Sidney	Ratcliffe	3	1,688	2,442	676	3,663
Sidney	Red River	2	2,308	2,338	3,423	13,296
Sidney, East	Mission Canyon	1	45	0	0	147
Sidney, East	Ratcliffe	1	445	447	0	2,029
Sioux Pass	Red River	6	17,312	17,327	16,196	6,630
Sioux Pass	Red River, Interlake	3	26,074	25,385	15,606	11,664
Sioux Pass, Middle	Red River	4	8,120	7,971	12,093	5,936
Sioux Pass, North	Madison	1	1,869	2,016	559	3,165
Sioux Pass, North	Ratcliffe	1	2,065	2,091	639	2,275
Sioux Pass, North	Red River	8	20,351	20,159	19,315	7,688
Sioux Pass, South	Red River	2	1,234	1,065	461	1,471
Snake Creek	Gunton	1	1,159	1,126	731	1,234
Snake Creek	Red River	1	1,159	1,126	731	1,234
Snake Creek	Winnipegosis	1	2,756	2,677	2,356	3,219
Soap Creek	Amsden	1	178	224	0	69,549
Soap Creek	Madison	16	6,797	6,974	0	384,799
Soap Creek	Madison, Amsden	6	1,124	984	0	66,997
Soap Creek	Tensleep	9	638	643	0	213
Soap Creek, East	Tensleep	3	1,572	1,522	0	25,745
South Fork	Mission Canyon	1	1,126	1,203	721	1,292
South Fork	Red River	2	2,369	2,250	3,148	8,676
Spring Lake	Bakken	4	7,857	7,784	1,800	105
Spring Lake	Dawson Bay	1	5,376	5,581	2,668	5,998
Spring Lake, West	Bakken	1	775	1,061	61	4
Stampede	Bakken	1	419	455	565	4,558
Stampede	Red River	1	1,582	2,001	2,220	3,737
Stensvad Unit	Tyler	5	4,617	4,734	0	68,104
Sumatra	Amsden	2	542	477	0	65
Sumatra	Heath	1	41	158	0	0
Sumatra	Lower Tyler	2	979	1,160	0	5,444

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Field	Formation	Number of Wells	Oil Produced (Bbls)	Oil Shipped (Bbls)	Assoc. Gas Produced (MCF)	Water Produced (Bbls)
Sumatra	Tyler	5	1,345	1,454	0	22,090
Sumatra (Central Sumatra Sand Unit)	Tyler	7	14,348	14,369	0	1,076,702
Sumatra (Grebe-Tyler Sand Unit)	Tyler	3	516	502	0	5,708
Sumatra (Kincheloe Waterflood Unit)	Tyler	11	5,575	6,686	0	382,355
Sumatra (Northeast Sumatra Unit)	Tyler	4	1,479	1,635	0	12,473
Sumatra (Sawyer Waterflood Unit)	Lower Tyler	1	28	0	0	0
Sumatra (Southeast Sumatra Unit)	Lower Tyler	3	2,244	2,411	0	69,905
Sumatra (Southeast Sumatra Unit)	Madison	*1	0	0	0	68,305
Sumatra (Southeast Sumatra Unit)	Tyler	5	4,007	4,306	0	126,236
Sumatra (West Sumatra Unit)	Tyler	3	5,656	5,656	0	378,796
Sundown	Red River	1	72	410	0	518
Sunny Hill	Ratcliffe	1	542	486	0	1,600
Sunny Hill, West	Ratcliffe	1	1,466	1,605	1,760	6,431
Target	Nisku	1	4,929	5,195	860	12,735
Target	Ratcliffe	3	2,154	1,881	0	4,403
Three Buttes	Bakken	3	3,743	4,226	2,208	2,672
Three Buttes	Red River	1	3,732	3,974	3,080	973
Tinder Box	Tyler	1	307	256	0	0
Tule Creek	Devonian	1	1,297	2,265	1,134	69,900
Tule Creek	Nisku	2	4,142	4,085	1,178	128,620
Tule Creek, East	Nisku	1	865	727	798	129,691
Tule Creek, South	Nisku	1	2,219	2,234	0	21,535
Two Waters	Bakken	2	970	1,137	0	0
Utopia ("Utopia Swift Sand" Unit)	Swift	17	4,428	4,328	3,168	2,821
Vaux	Bakken	2	4,465	4,140	5,961	95
Vaux	Interlake	1	2,589	2,479	1,077	6,312
Vaux	Madison	5	3,373	3,282	2,034	2,815
Vaux	Mission Canyon	9	12,029	10,930	13,812	33,289
Vaux	Red River	2	4,336	3,731	5,196	14,110
Vaux	Stonewall	1	2,442	2,008	2,174	11,838
Volt	Madison	1	899	898	0	1,526
Volt	Nisku	4	18,061	18,004	0	115,574
Wakea	Nisku	2	2,359	2,412	1,402	9,503
Wakea	Nisku, Duperow	1	7,061	7,114	1,474	22,361
Wakea	Red River	2	6,393	6,189	4,222	25,586
Wakea	Winnipegosis	1	1,916	1,929	410	2,894
Waterhole Creek	Red River	5	69,246	69,454	17,518	39,060
Weed Creek	Amsden	1	337	242	190	27,600
West Butte	Sunburst	2	920	1,395	0	0
Weygand	Sawtooth	3	74	0	0	0
Whitlash	Swift	14	1,266	3,160	4,122	23
Whitlash	Swift, Sunburst	15	5,212	5,518	2,951	290
Willow Creek, North	Tyler	2	932	715	0	3,435
Willow Ridge	Burwash	2	324	191	0	0
Wills Creek, South	Silurian-Ordovician	3	26,629	26,630	7,713	27,854
Windy Ridge	Red River	3	14,884	14,654	4,328	36,894
Winnett Junction Unit	Tyler	2	4,453	4,470	0	74,335
Wolf Springs	Amsden	4	1,995	1,636	0	356,090
Wolf Springs, South (S Wolf Springs)	Amsden	1	1,826	1,959	0	4,618
Woodrow	Charles	1	1,635	1,673	540	1,077
Woodrow	Charles, Interlake	1	1,498	1,533	540	1,014
Wrangler	Red River	2	6,089	6,173	8,468	15,244
Wright Creek	Muddy	4	690	987	2,340	5,520
Wildcat, Fallon County	Red River	2	7,829	8,045	1,746	23,766
Wildcat, Richland County	Bakken	1	1,135	977	0	5,722
Wildcat, Richland County	Red River	1	12,038	11,702	10,924	2,072
Wildcat, Rosebud County	Tyler	1	1,014	1,437	0	0
Wildcat, Sheridan County	Red River	2	26,988	26,792	21,703	903
Wildcat, Toole County	Nisku	1	199	199	0	36
TOTALS		**3,264**	**4,209,007**	**4,233,900**	**1,980,107**	**23,885,385**

NATURAL GAS PRODUCED
THIRD QUARTER 1998

Field	No. of Wells	MCF
Amanda	20	39,156
Antelope Coulee	1	1,091
Arch Apex	37	46,961
Ashfield	144	472,981
Badlands	8	30,797
Battle Creek	57	386,503
Bears Den	2	410
Bell Creek, Southeast	2	45,181
Big Coulee	6	33,166
Big Rock Gas Field	36	68,437
Black Butte	1	4,315
Black Coulee	5	39,109
Blackfoot	8	15,099
Blackjack	12	14,893
Bowdoin & Area	368	1,035,699
Bowes	42	118,111
Bradley	2	789
Browns Coulee	3	70,762
Browns Coulee, East	1	5,737
Bullwacker	41	259,865
Camp Creek	1	4,346
Cedar Creek	140	827,886
Chain Lakes	1	260
Clark's Fork	1	7,372
Coal Coulee	2	7,016
Coal Mine Coulee	5	4,467
Cut Bank	224	551,411
Devon	19	8,202
Devon, East	2	2,795
Devon, South Unit	2	1,738
Dry Creek	18	91,322
Dry Creek(Shallow Gas)	1	8,551
Dry Creek, Middle	2	3,628
Dry Creek, West	1	9,609
Dry Fork	6	4,706
Dunkirk	13	6,157
Dunkirk, North	28	27,603
Dutch John Coulee	4	17,172
Eagle Springs	3	1,601
Ethridge	7	8,420
Ethridge, North	4	2,983
Fitzpatrick Lake	9	18,588
Flat Coulee	6	5,251
Fort Conrad	13	6,062
Fred & George Creek	3	5,104
Fresno & Area	4	49,184
Galata	5	11,902
Gas Light	1	72,297
Golden Dome	7	12,738
Grandview	4	10,294
Hardpan	6	10,110
Hardpan Area	1	1,084
Havre	1	4,996
Haystack Butte	4	6,676
Haystack Butte, West	8	9,409
Highline	1	2,028
Keith Area	4	3,634
Keith, East	22	71,895
Kevin Area	1	151
Kevin Southwest	28	38,288
Kevin Sunburst	106	107,712
Kevin Sunburst (Dakota)	1	3,062
Kevin Sunburst-Bow Island	6	10,082
Kevin Sunburst, Nisku & Area	1	5,644
Kevin, East Bow Island Gas	6	1,975
Kevin, East Gas	8	14,924
Kevin, East Nisku Oil	1	3,085
Kicking Horse	16	20,326
Lake Basin	2	21,589
Ledger	41	21,060
Leroy	4	4,436
Liscom Creek	6	75,237
Little Creek	3	1,333
Little Rock	15	29,973
Lohman	3	11,934
Lohman Area	4	63,650
Loring	201	453,547
Loring, East	102	280,478
Loring, West	7	17,839
Marias River	8	3,420
Middle Butte	5	8,590
Milk River	1	163
Miners Coulee	14	11,254
Mt. Lilly	2	1,568
O'Briens Coulee	14	32,409
Old Shelby	80	178,052
Phantom	2	1,149
Phantom, West	2	2,452
Plevna	2	12,837
Police Coulee	8	8,646
Prairie Dell	98	180,979
Prairie Dell, West	10	24,539
Rattlesnake Coulee	1	163
Red Rock	10	255,950
Rocky Boy Area	6	25,966
Sage Creek	15	17,075
Sawtooth Mountain & Area	30	150,725
Shelby Area	1	2,324
Shelby, East	7	8,260
Sherard	9	16,082
Sherard, Area	36	327,374
Sixshooter Dome	6	58,246
Snoose Coulee	8	6,589
Snow Coulee	1	498
Spring Coulee	1	1,740
Strawberry Creek Area	2	8,666
Swanson Creek	76	78,692
Three Mile	3	15,147
Tiber Area	2	3,237
Tiber, East	9	18,012
Tiger Ridge	379	4,166,633
Timber Creek, West	1	1,121
Trail Creek	8	17,633
Utopia	6	63,199
Vandalia	7	5,315
West Butte	3	4,472
West Butte Shallow Gas	2	2,041
Whitewater	280	638,105
Whitewater, East	40	98,949
Whitlash	41	100,530
Whitlash, West	6	2,197
Willow Ridge	12	46,563
Willow Ridge, South	2	23,378
Willow Ridge, West	2	685
Wildcat, Hill County	1	54,815
Wildcat, Phillips County	1	80
Wildcat, Toole County	1	10,452
TOTALS	**3,202**	**12,470,856**

OIL IN STORAGE

	Producers Field Tanks	Transporters Storage	Refiners Storage	Total Storage
December 1997	279,305	2,317,685	687,717	3,284,707
March 1998	336,446	2,041,784	521,992	2,900,222
June 1998	349,563	1,961,763	481,930	2,793,256
July 1998	355,264	1,937,304	587,224	2,879,792
August 1998	349,903	1,987,660	616,171	2,953,734
September 1998	325,017	2,167,951	444,076	2,937,044

REFINERS REPORT
THIRD QUARTER 1998

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Cenex	151,605	400,478	45,360	3,610,482	4,082,590	125,335
Continental Oil Company	126,117	54,159	599,955	4,394,818	5,030,202	144,847
Exxon Company	188,343	240,850	3,047,940	1,606,515	4,926,214	157,434
Montana Refining Co.	15,865	142,744	-0-	494,062	636,211	16,460
TOTALS	**481,930**	**838,231**	**3,693,255**	**10,105,877**	**14,675,217**	**444,076**

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550 copies of this public document were published at an estimated cost of $0.85 per copy. The total cost of $470.00 includes $195.00 for printing and $275.00 for

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